APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Contributions to the Metallography of Light Metals, by H. Kostron, H. Schipper.

GERMAN, per, Z Metallk, Vol XLIV, No 11, 1953, pp 489-494.

Aluminium Lab, LTD.
B-TM-180-55 OT/1658

Sci - Minerals/Metals, Chemistry 35,690

Jun 1956

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Contribution to the Crystallization of Aluminum-Silicon Alloys, by Gustav Gurtler, 20 pp.

GERMAN, per, Zeitschrift fuer Metallkunde, Vol XLIV, 1953, pp 503-509.

SLA 59-15096

Sci
Dec 59
Vol 2, No 4

103,094

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Discontinuous Solidification Processes
in the Continuous Casting of Superpurity
Raffinal or Commercial-Purity Aluminium,
by D. Altenpohl, S. Hohentwiel,

GERMAN, per, Z Metallk, Vol XLIV, No 11,
Nov 1953, pp 536-550.

Aluminium Lab LTD B-TM-170-55

Sci & Minerals/Metals 30,894

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

On the Problem of the Activation of Metal Surfaces, by Cyrill Schaub, Werner Liedsko, 6 pp.

GERMAN, per, Z. Metallkunde, Vol XLIV, 1953, pp 570-572.

AEC Tr 2259

28,464

Scientific - Minerals/Metals
Nov 55 CTS/DEX

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Mechanism of Oxidation and Corrosion Processes on Metals and Alloys, by K. Hauffe.

GERMAN, per, Z. Metallk, Vol XLIV, No 12, Dec 1953, pp 576-583.

Aluminium Laboratories LTD
B-TM-261-54 OTS-1261

EEUR - Germany
Sci - Minerals/Metals

29,415

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Hot Forging of Metals, by E. Siebel. UNCL

[illegible], per, Z Metallkunde, Vol XLV, No 1, 1954,
pp 1-7.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,395

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Wilsdorf, H.
ELECTRON MICROSCOPE INVESTIGATION OF METAL SURFACES WITH EVAPORATED SILICON MONOXIDE REPLICAS. [1962] 13p. (figs. [refs.] omitted).
Order from SLA $1.60 63-10036

Trans. of Zeitschrift für Metallkunde (West Germany) 1954, v. 45 [no. 1] p. 14-22.

DESCRIPTORS: Metals, *Surfaces, *Reproduction, *Electron microscopes, *Monoxides, *Silicon compounds, Evaporation.

The present article describes a method for the production of silicon oxide evaporated replicas. These replicas are easily produced and are characterized by considerable strength so that extensive fields of view are obtained and even rough metal surfaces can be reproduced. Resolution of the replicas was (Metallurgy. TT. v. 9, no. 10) (over)

63-10036

I. Wilsdorf, H.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Alloys of the Platinum Metals With Molybdenum, by E. Raub.

GERMAN, per, Z. Metallkunde, Vol XLV, No 1, 1954, pp 23-30.

TPA3/TIB
T 4349

Sci - Minerals/Metals
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29,329

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Reactions Between Some Magnesium Alloys and Liquid Cast Iron, by U. Zwicker.

GERMAN, per, Z Metallkund, Vol XLV, No 1, 1954, pp 31-35.

Henry Brutcher
No 3972
$6.40

53,186

Sci - Min/Metals
Sep 57

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Composition of Binary Alloy Systems of Ti, by D. J. McPherson.
GERMAN, per, Z. Metallkde, No 45, 1954, pp 76-82.
*NTIS TT 72-53128

Aug 72

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Discussion on the Nature of the Beilby-Layer on the Basis of Experiences with Bearing (layer) Metals, by E. Lumm, 5 pp.

GERMAN, per, Z. Metallkunde, Vol XLV, 1954, pp 92, 93.

JLA Tr 57-2207

Jul 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Investigation of the Rolling and Recrystallization Textures of Aluminium: 1. Textures of Cold-Rolled Commercial-Purity Aluminium, by K. Lucke.

per,
GERMAN,/Z. Metallk, Vol XLV, No 2, Feb 1954, pp 86-93.

Aluminium Laboratories LTD.
B-TM-157-55 OT/1299

Ger - Germany
Sci - Minerals/Metals

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Ternary System Titanium-Tungsten-Carbon, by H. Nowotny, 13 pp.
GERMAN, per, Zeit. fur Metallkunde, Vol 45, No. 3, 1954, pp.
GOVERNMENT USE ONLY
RSIC-770

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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The Investigation of Sinter Processes by the Emanation Method, by H. Schreiner, G. Glawitsch.

GERMAN, per, Z. Metallk, Vol XLV, No 3, 1954, pp 102-108.

TPA3/TIB
T 4439

Scientific - Minerals/Metals
CTS 75/Dec 55

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Diffusion Reactions Taking Place While Pressing Metal Powders, by H. Schreiner.
GERMAN, per, Z. Metallkde., Vol 45, 1954, pp 108-111.
*NTIS/USDC/NBS TT 71-55071
Available NBS Only

May 71

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Kinetics of Sintering, by J. Gerlach.
GERMAN, per, Z. Metallkde., Vol 45, 1954, pp 123-127.
*NTIS/USDC/NBS TT 71-55050
Available NBS Only

May 71

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Study of the CuSb System, by K. Schubert.
GERMAN, per, Z. Metallkde, Vol 45, 1954, pp 366-370.
*NTIS/USDC/NBS TT 71-55072
Available NBS only

May 71

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Graphical Representation of the Shear Stress Ratios in Face Centre Cubic Crystals, by J. Diehl, GERMAN, pub. Zeits. fur Metallkunde, Vol 45, No 3, 1954, pp 149-152.
MLL Ref: 3774.5 (1910)

Sci/Physics
May 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Recent Advances in Ultrasonic Nondestructive Testing, by J. Krautkramer.

GERMAN, per, Zeitschrift fur Metallkunde, Vol XLV, No 4, 1954, pp 154-157.

Brutcher Tr
No 3357

Scientific - Min/Metals Jan 55 CTS/DEX

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Methods of Ultrasound Testing in the Metal-Working Industry, by R. Pohlmann, 12 pp.

GERMAN, per, Z. Metallkunde, Vol XLV, No 4, 1954, pp 161-165.

/BIA Tr 57-2004

Sci

Jul 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

A Method of Quantitative Nondestructive Testing Employing a Slip-Over Coil. Part A. Communication III of "Theoretical and Experimental Principles of Nondestructive Testing by the Eddy-Current Method", by F. Forster, K. Stambke.

German

[redacted], per, Zeitschrift [redacted], Vol XLV, No 4, 1954, pp 166-171.

AEC ORNL 1296

Brutcher Tr 19,508
No 3398
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Scientific - Minerals/Metals CTS/DEX

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

A Method of Quantitative Nondestructive Testing Employing a Slip-Over Coil. Part B of Communication III "Theoretical and Experimental Principles of Nondestructive Testing by the Eddy-Current Method", by F. Forster, K. Stambke.

GERMAN, per, Zeitschrift Metallkunde, Vol XLV, No 4, 1954, pp 171-179.

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Scientific - Min/Metals

Dec 54 CIB/DEX
$9.85 14,713

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Practicml Eddy-Current Instruments With Encircling Test Coil for Quantitative Nondestructive Testing, by F. Förster.

GERMAN, per, Z Metallkunde, Vol XLV, 1954, No 4, pp 180-187.

Henry Britcher
Tr 3918
$14.80

Sci - Min/Metals; Eng
Aug 57

50, 731

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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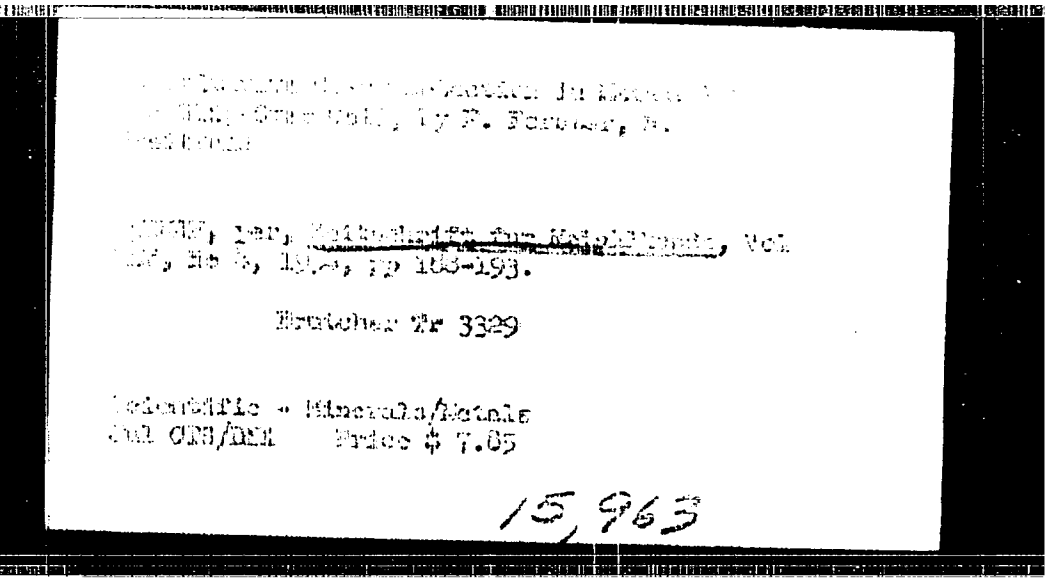

[illegible] by P. Fourmarier, R.
[illegible]

[illegible], 1er, [illegible], Vol
[illegible], No 5, 1954, pp 183-193.

Brutcher Nr 3329

[illegible] - Minerals/Metals
Dual CAS/DRL Price $ 7.05

15,963

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Nondestructive Flaw Testing of Tungsten Rods, by A. Keil, [redacted] Carl-Ludwig Meyer, 1[illegible]

GERMAN, per: Z Metallkunde, Vol XXXXV, No 4, 1954, pp 194-6.
196.

1132
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Sci - Minerals/Metals
Oct 56 CFS

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Theoretical Principles of Contactless Determination of Thickness and Conductance of Metallic Coatings, Foils, and Sheet, by F. Forster, UNCLASSIFIED

GERMAN, per Zeitschrift fur Metallkunde, Vol XLV, No 4, 1954, pp 197-199.

AEC, ORNL Tr 1298
P9110747764
Brutcher No 5292

Scientific - Min/Metals $3.75 15,470

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Magneto-Inductive Method of Nondestructive Testing, With Consideration of the Fundamental Frequency Only. Communication I of "Theoretical and Experimental Principles of Electromagnetic Sorting of Semifinished Steel and of Steel Parts.", by F. Forster.

GERMAN, per, Z. fuer Metallkunde, Vol XLV, No 4, 1954, pp 206-211.

Brutcher Tr No 3406
$4.60

21,082

Scientific - Minerals/Metals
Electronics CTS 65/Feb 55

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Magneto-Inductive Flaw Detection in Steel. Communication VII of "Theoretical and Experimental Principles of Nondestructive Testing by the Eddy-Current Method.", by F. Forster.

GERMAN, per, Z. fuer Metallkunde, Vol XLV, No 4, 1954, pp 221-226.

Brutcher Tr No 3401
$5.90

Scientific - Minerals/Metals CTS 65/Feb 55

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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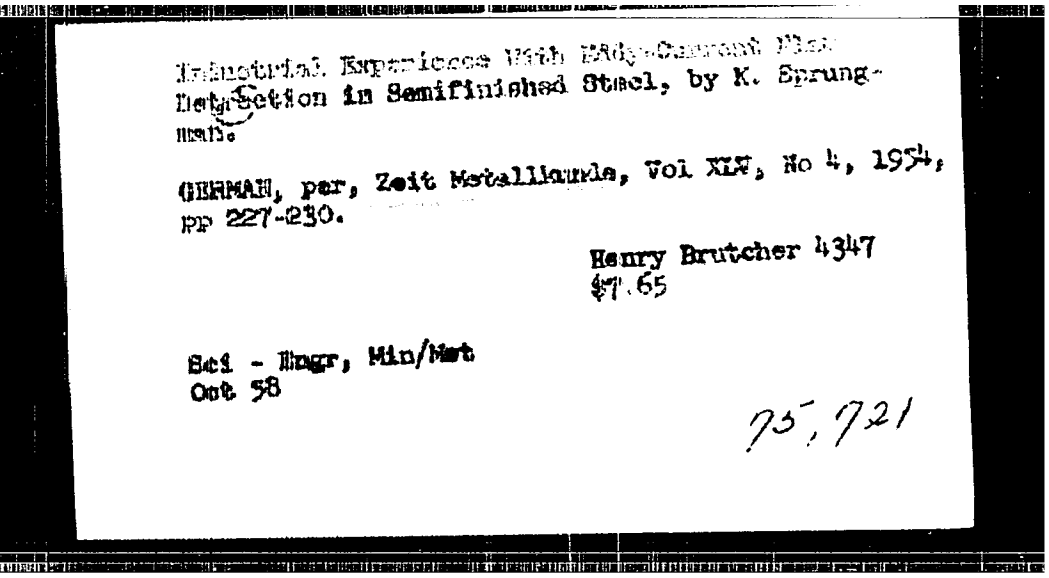

Industrial Experience With EMS-Current Flow Detection in Semifinished Steel, by K. Sprungmann.

GERMAN, per, Zeit Metallkunde, Vol XLV, No 4, 1954, pp 227-230.

Henry Brutcher 4347
$7.65

Sci - Engr, Min/Met
Oct 58

75, 721

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Theoretical And Experimental Basis for the Electromagnetic Sorting of Steel Parts, IV. The Residual Field Method, by F. Forster, 9 pp.

GERMAN, per, Zeit Metallkunde, Vol XLV, 1954, pp 233-238.

AEC Tr 2425

Sci - Minerals/Metals, Chemistry, Physics,

Apr 56 33,346

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

An Example of the Introduction of Electromagnetic Sorting Into the Manufacture of Diesel Injection Pumps and Ejectors, by Richard Heinz Hains

GERMAN, per, Zeit Metallkunde, Vol XLV, 1954, pp 238-242.

AEC Tr 2438

Scientific - Engineering; Min/Metals
Apr 56 CTS/dex

33,963

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Rapid Non-Destructive Determination of Sheet Anisotropy With the Residual Point Pole Method, by F. Forster, Gustav Zimelmann

GERMAN, per, Zeit Metallkunde, Vol XLV, 1954, pp 245-249.

AEC Tr 2437

Scientific - Min/Metals 33,966
Apr 56 CTS/dex

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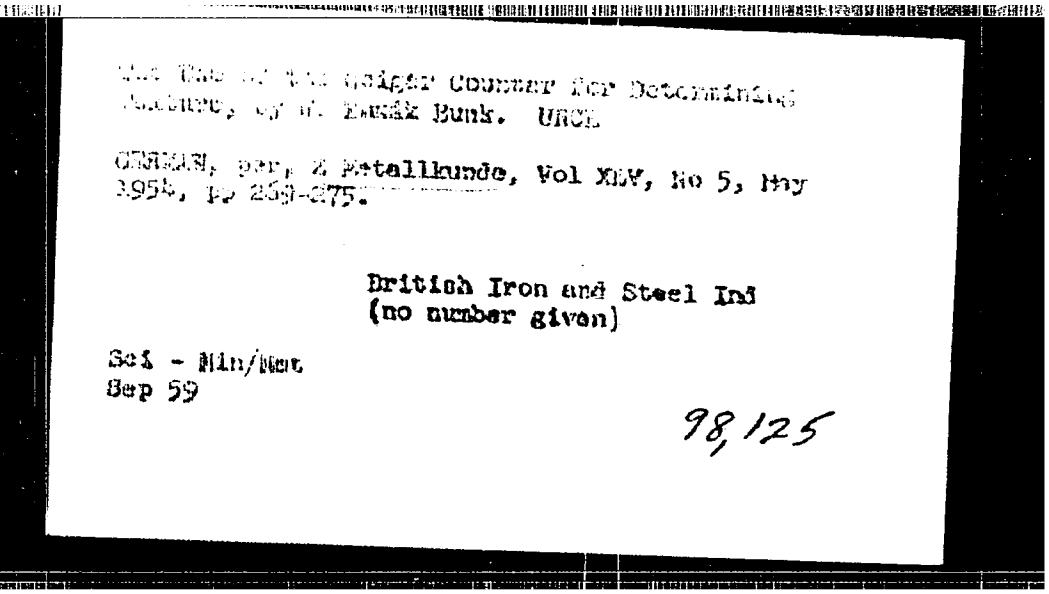

[illegible] Use of the Geiger Counter for Determining [illegible] of the Basic Bunk. UNCL

GERMAN, per, Z Metallkunde, Vol XLV, No 5, May 1954, pp 269-275.

British Iron and Steel Ind
(no number given)

Sel - Min/Met
Sep 59

98,125

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Concerning a Cold Electronic Emission of Metallic Surfaces, by K. Lintner, E. Schmid, 33 pp.

GERMAN, per, Z Metallkunde, Vol XLV, No 5, May 1954, pp 276-285.

SLA 57-1386

May 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Change in Properties During the Hardening of a Copper Chromium Alloy, by W. Koster, W. Knorr. NFF.

GERMAN, per, Z fuer Metallkunde, Vol XLV, No 6, 1954, pp 350-356.

TIL T.4800
SLA 63-1654
51, 365

Sci - Min/Met

Aug 57

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

On the Recovery of the Internal Friction of Brass Immediately After Deformation, by W. Koster, E. Stolte.

GERMAN, per, Z. Metallkunde, Vol XLV, 1954, pp 356-365.

ASLIB-GB33

Sci

Aug 59

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Anderko, Kurt and Schubert, Konrad.
X-RAY PHOTOGRAPHIC, DILATOMETRIC AND MICROSCOPIC STUDIES OF THE PHASES Cu_2Te, Cu_4Te_3, AND CuTe. [1963] 13p. (figs. tables omitted) 17 refs
Order from: SLA $1.60 63-18061

Trans. of Zeitschrift für Metallkunde (West Germany) 1954, v. 45, no. 6, p. 371-378.

DESCRIPTORS: *Metallic crystals, *Copper compounds, *Tellurides, *Crystal lattices, *Phase studies, X-ray diffraction analysis, Thermal expansion, Microstructure.

In the copper-tellurium system, the transformation of Cu_2Te as a function of temperature was measured by dilatometer. In one sample with 34.5 atomic % Te, effects were shown at 180, 305, 345 and about 465°. (Physics--Solid State, TT, v. 10, no. 12) (over)

63-18061

I. Anderko, K.
II. Schubert, K.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

A Contribution on the Explanation of the Diffusion Process in the Copper-Nickel System, by W. Seith R. Ludwig.

GERMAN, per, Z. Metallkunde, Vol XLV, No 6, 1954, pp 401-407.

AERE HARWELL
Tr 468 OT/1289

EEur - Germany
Sci - Minerals/Metals

29,397

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Dependence on Orientation of the Plastic Deformation With Low Elongations of Aluminium Monocrystals, by G. Masing, H. Weik.

GERMAN, per, Z. Metallk, Vol XLV, No 7, Jul 1954, pp 417-428.

TPA3/TIB
T 4435

29,340

Scientific - Minerals/Metals
CTS 75/Dec 55

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

A Simple and Rapid Method for the Determination of Lattice Constants to Within ± 0.00005 Å by Means of a Counting Tube Goniometer, by Fritz Ebert, 8 pp.

GERMAN, per. z fuer Metallkunde, Vol XLV, 1954, p2 436-439.

AEC Tr 3644

Sci - Min/Met

Oct 59

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

A Simple and Rapid Method for the Determination of Lattice Constants at ± 0.00005 KX by Means of a Goniometer with Counter, by F. Ebert, 16 pp.

GERMAN, per, Z Metallk, Vol XLV, 1954, pp 436-439.

AEC CEA Tr A194

Reverse Trans. German to French
Feb 59

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Magnetically Directed Structures in Permanent Magnets, by K. J. Kronenberg, 29 pp.

GERMAN, per, Z. Metallkunde, Vol XLV, July 1954, pp 440-447.

SLA 57-2403

Sci

Aug 58

69, 852

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

The Evolution and Potentialities of the High Temperature Metallurgical Microscope, by Gerhard Reinacher, 24 pp.

GERMAN, per, Zeit fuer Metallkunde, Vol XLV, No 7, 1954, pp 453-458.

SLA 59-15048

Sci - Minerals/Metals
Sep 59
Vol II, No 2

98,660

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Lead as an Aid in the Powder Metallurgy Production of Tungsten Tubes, by Wilhelm Hofmann, Wolfgang Schmal, 6 pp.

GERMAN, pub, Z. Metallkunde, Vol XLV, No 8, 1954, pp 512-513.

S.L.A. Tr 1244

Sci - Min/Metals
Jan 57 CTS

4L2, 615

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Changes in the Dimensions of Diffusion Samples, by W. Seith, R. Ludwig.

GERMAN, per, Z. Metallkunde, Vol XLV, No 9, 1954, pp 550-554.

A.E.R.E. Harwell
Tr 495 OT/1207

29,394

EEur - Germany
Sci - Minerals/Metals, Physics

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

Rolling and Recrystallization Textures of Aluminum, by W. Bunk, K. Lucke, G. Masing.

GERMAN, per, Z. Metallkunde, Vol XLV, No 10, Oct 1954, pp 584-593.

Aluminium Lab, Ltd. Tr B-TM-164-55
OT/1482

Sc1 - Min/metals
May 57 CTS/dex

RJ 557

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

X-Ray Photograph Experiments With Regard to Age-Harding of an Aluminium-Copper-Alloy Using Small-Angle Oscillating Crystal Methods, by V. Gerold.

GERMAN, per, Z. Metallk, Vol XLV, No 10 , 1954, pp 593-599.

Fulmer Res Inst, Ltd.
Tr 62 OT/1386

30,085

Sci - Minerals/Metals

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Investigations of the Effect of Load on the Vickers Microhardness. Part I., by Buckle, Helmut.

GERMAN, per, Z. Metallkunde, Vol XLV, No 11, 1954, pp 623-632.

Assoc Tech Sv
37050

39,053

Sci - Engineering, Electricity

($14.35)

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250033-0

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Beer, G. and Thomas, H.
CHARACTERISTICS AND STRUCTURE OF IRON-COBALT ALLOYS CONTAINING 50% CO AND SMALL ADDITIONS OF VANADIUM. [1962] 7p. (refs. figs. omitted). 2 refs.
Order from SLA $1.10 62-16922

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DESCRIPTORS: *Iron alloys, *Cobalt alloys, *Vanadium alloys, Transformations, Hysteresis, Crystal structure, X-ray diffraction analysis.

In the iron-cobalt-vanadium system, the phase-boundaries in the concentration-range of 50% Co and 0 to 4% V have been determined by means of measurements of the electrical resistance and thermal expansion, by X-ray studies and supplementary photo-
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62-16922
62-16923
I. Beer, G.
II. Thomas, H.

Office of Technical Services

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BISI 9713

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$6.80

Sci - Min/Metals
Sep 56 CTS

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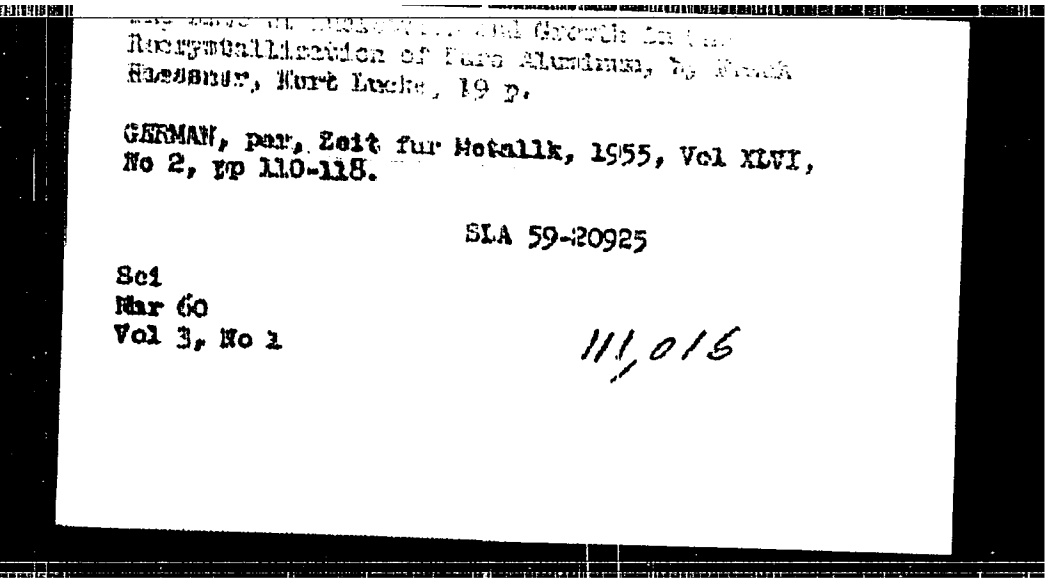

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ASLIB-GB96

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Soi - Min/Metals
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SLA Tr # 57-590

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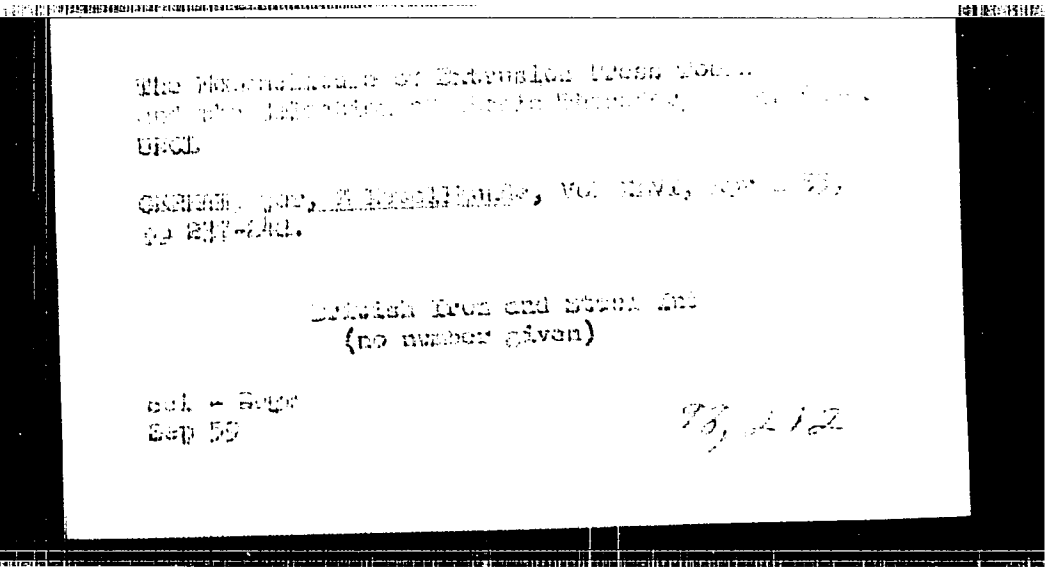

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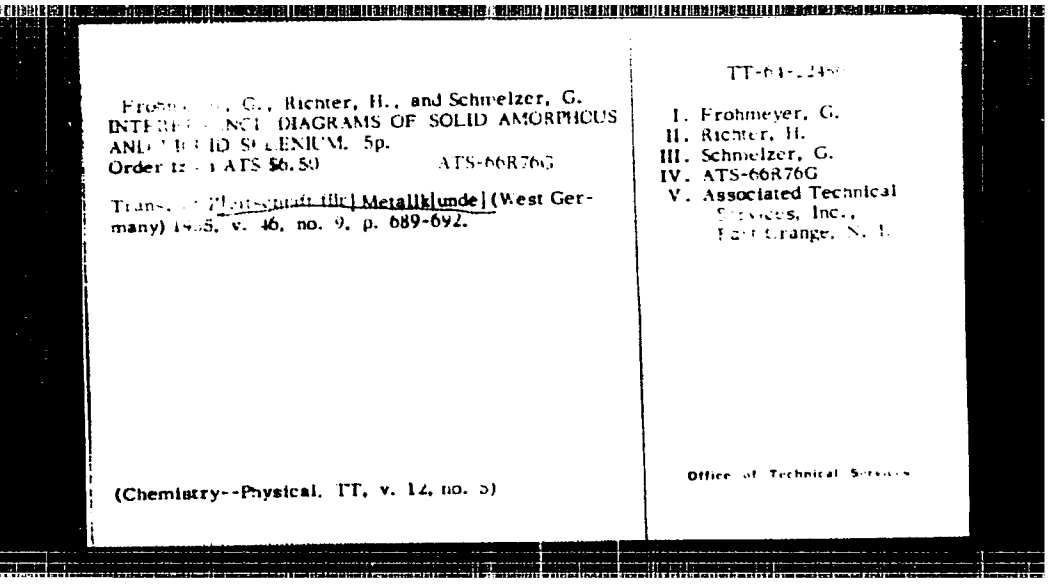

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(Chemistry--Physical. TT, v. 14, no. 5)

TT-66-[illegible]

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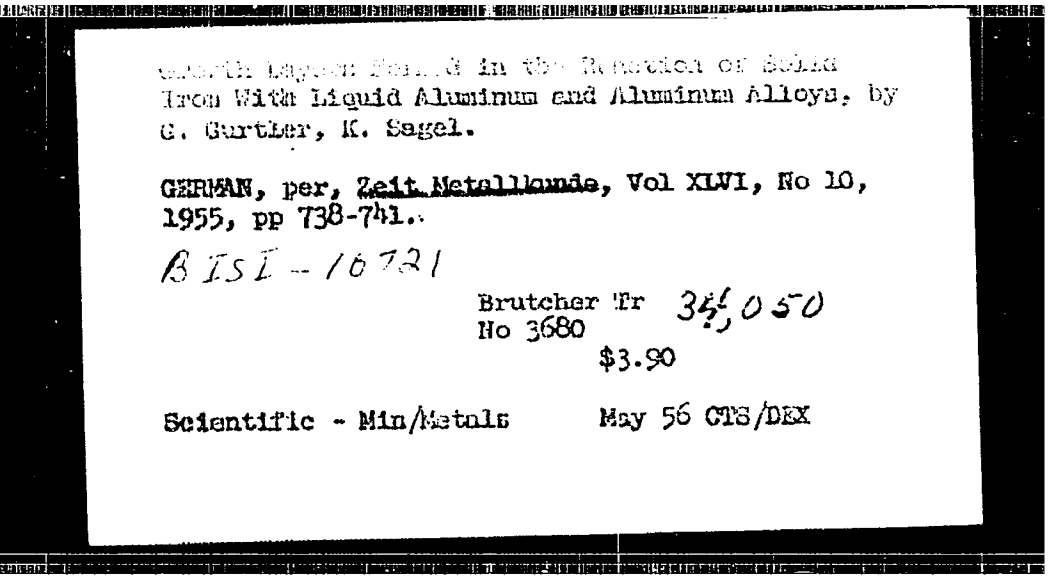

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BISI - 10721

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SLA 57-2341
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OT/1954

Sci - Min/metals
May 57 CTS/dex

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57, 558

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